

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Levee District No. 0002 (Glenn County)**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Levee District No. 0002 (Glenn County)**

Waterway			Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River			Right	4.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/21/2012 - 3/21/2012			
DWR Inspector	Bob Duffey			
Accompanied By	Dennis Clark			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Levee District No. 0002 (Glenn County)**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River							Right	4.89	03/21/2012 03/21/2012	Bob Duffey
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		° °	° °	12
								DWR ID: DWR_LD0002_01_s_2012_12		
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		° °	° °	13
								DWR ID: DWR_LD0002_01_s_2012_13		
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		° °	° °	14
								DWR ID: DWR_LD0002_01_s_2012_14		
4	0.02	0.02	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011: Site extended downstream. [2011 Site ID: SAC_164-7_R]	39.414649 ° -122.009853 °	39.417689 ° -122.010369 °	6 Y
								DWR ID: DWR_LD0002_01_s_2012_6		
5	1.04	1.04	Earthen Levee	Encroachments	WS	M En	BU : Buildings	39.428322 ° -122.010973 °	39.428322 ° -122.010973 °	8 Y
								DWR ID: DWR_LD0002_01_s_2012_8		
6	1.09	1.09	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.454387 ° -122.014835 °	39.428972 ° -122.010887 °	4 Y
								DWR ID: DWR_LD0002_01_s_2012_4		
7	1.91	1.91	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.440531 ° -122.011091 °	39.440531 ° -122.011091 °	149 Y
								DWR ID: DWR_LD0002_01_s_2012_149		
8	2.95	3.00	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.453595 ° -122.016273 °	39.454003 ° -122.015503 °	2
								DWR ID: DWR_LD0002_01_s_2012_2		
9	3.10	3.18	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.455145 ° -122.014287 °	39.455813 ° -122.013205 °	3
								DWR ID: DWR_LD0002_01_s_2012_3		
10	3.59	3.59	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.459103 ° -122.010313 °	39.459103 ° -122.010313 °	148 Y
								DWR ID: DWR_LD0002_01_s_2012_148		
11	3.61	3.61	Earthen Levee	Animal Control	LS	M Ma	A2 : Repair the levee slope damaged by livestock and prevent large animal access.	39.459348 ° -122.010500 °	39.459348 ° -122.010500 °	5 Y
								DWR ID: DWR_LD0002_01_s_2012_5		
12	3.62	3.62	Earthen Levee	Encroachments	LS	M En	PR : Prunings	39.459715 ° -122.010808 °	39.459715 ° -122.010808 °	9 Y
								DWR ID: DWR_LD0002_01_s_2012_9		
13	3.65	3.65	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.459885 ° -122.010930 °	39.459885 ° -122.010930 °	10 Y
								DWR ID: DWR_LD0002_01_s_2012_10		
14	4.87	4.87	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.476676 ° -122.017439 °	39.476676 ° -122.017439 °	11 Y
								DWR ID: DWR_LD0002_01_s_2012_11		

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Levee District No. 0002 (Glenn County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	03/21/2012 03/21/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey\_s\_20120312\_245.jpg



Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

rduffey\_s\_20120312\_246.jpg



Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

rduffey\_s\_20120312\_247.jpg

**\* Location**

LS : Land Side  
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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #4

rduffey\_s\_20120312\_248.jpg



Levee Mile Report Line	5
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of house along w/s toe.

rduffey\_s\_20120312\_249.jpg



Levee Mile Report Line	6
Start Levee Mile	1.09
End Levee Mile	1.09
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes.

rduffey\_s\_20120312\_243.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Mile Report Line	7
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey\_s\_20120312\_251.jpg



Levee Mile Report Line	10
Start Levee Mile	3.59
End Levee Mile	3.59
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the vegetation along the L/S toe.

rduffey\_s\_20120312\_250.jpg



Levee Mile Report Line	11
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodents burrows along L/S slope.

rduffey\_s\_20120312\_244.jpg



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CR : Crown

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**+ Issue Type**

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Levee Mile Report Line	12
Start Levee Mile	3.62
End Levee Mile	3.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings along the toe of the levee.

rduffey\_s\_20120416\_555.jpg



Levee Mile Report Line	13
Start Levee Mile	3.65
End Levee Mile	3.65
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of vehicle traffic driving up and down the slope of the levee.

rduffey\_s\_20120416\_556.jpg



Levee Mile Report Line	14
Start Levee Mile	4.87
End Levee Mile	4.87
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope of the levee.

rduffey\_s\_20120416\_557.jpg



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